Gene ID Product name Status after physicis filter (TMLE 9 04080 a seyl carrier protein (1622079) included in other studies - ACP, PMID: 9770490, PMID: 1622079 and seyl carrier protein (1622079) included in other studies - ACP, PMID: 9770490, PMID: 16204350 hypothetical protein (1622079) included in other studies - Agrawal unpublished (1642079) and published (16420799) and published (164207999) and published (164207999) and published (16420799999) and published (16420799999999) and published (164207999999999999999999999999999999999999			
IGMEP 904300 kypubetical protein included in other studies - Agrawal unpublished included in other studies - Agrawal unpublish	Gene ID	Product name	Status after phyletic filter
TGME9 903180 hypothetical protein included in other studies - Agrawal unpublished TGME9 903240 hypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 903240 hypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 903240 hypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 903240 hypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 903240 hypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 903290 hypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 903290 hypothetical protein TGME9 903290 TGME9 904070 TGME9 904070 TGME9 904070 TGME9 904070 TGME9 904080 TGME9 904070 TGME9 904070 TGME9 904070 TGME9 904070 TGME9 904090 TGME9 904070 TGME9			
TGME9 097240 hypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 02550 hypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 02550 hypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 0970220 hypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 0970220 hypothetical protein, conserved included in other studies - Agrawal unpublished included in other studies - Agrawal unpublished included in other studies - Agrawal unpublished included in other studies - AFT, PMID: 17449654, PMID: 1764189 01100 nucleoradoxin, putative included in other studies - AFT, PMID: 17449654, PMID: 1764189 01100 nucleoradoxin, putative included in other studies - AFT, PMID: 1747187 included in other studies - AF		J I	
TGME9 03540 bypothetical protein, conserved included in other studies - Agrawal unpublished IGME9 03520 bypothetical protein, conserved included in other studies - Agrawal unpublished included in other studies - Fable, PMID: 12549938 - Agrawal unpublished included in other studies - Fable, PMID: 12549938 - Agrawal unpublished included in other studies - Fable, PMID: 12549938 - Agrawal unpublished in other studies - Fable, PMID: 12549938 - Agrawal unpublished in other studies - Fable, PMID: 1259938 - Agrawal unpublished in other studies - Fable, PMID: 1259938 - Agrawal unpublished in other studies - Fable, PMID: 1259938 - Agrawal unpublished in other studies - Fable, PMID: 1259938 - Agrawal unpublished unpublished unpublished in other studies - Fable, PMID: 1259938 - Agrawal unpublished u			
TGME9 02550 bypothetical protein, conserved included in other studies - Agrawal unpublished TGME9 070220 bypothetical protein, conserved included in other studies - Agrawal unpublished included in other studies - AFT, PMID: 17449654, PMID: 1036060 TGME9 01800 TCP-1/epole chaperonin family protein, putative included in other studies - AFT, PMID: 18880952 included in other studies - AFT, PMID: 18980953 included in other studies - AFT, PMID: 1899097 included in other studies - AFT, PMID: 1899098 included in other studies - AFT, PMID: 189909999999999999999999999999999999999			8 I
TGME49 063240 hypothetical protein conserved included in other studies - Agrawal unpublished TGME49 002290 hypothetical protein included in other studies - Agrawal unpublished hypothetical protein included in other studies - Agrawal unpublished included in other studies - Fabl. PMID: 12549938 included in other studies - Pabl. PMID: 125490494949494949494949494949494949494949			
TGME-9 09020 hypothetical protein included in other studies - Agrawal unpublished included in other studies - AFT, PMID: 1749654, PMID: 1000000000000000000000000000000000000			
TGME-9 061070 hypothetical protein, conserved included in other studies - Agrawal unpublished included in other studies - APT, PMID: 1749654, PMID: 10700169 1071-1749654, PMID: 19822494, PMID: 20004630 1071-1749654, PMID: 19822494, PMID: 20004630 1071-1749654, PMID: 19822494 1071-1749654, PMID: 19822397 1071-1749654			
IncME49 (0.6107) ICME49 (0.6108) ICME49 (0.609) ICM			
TIGME9 (1918) TOME9 (1918) TOME	TGME49_002290	hypothetical protein, conserved	
TGME49 (1918) TGME49 (1918) TGME49 (1918) TGME49 (1918) TGME49 (1918) TGME49 (19359) TGME49 (1935) TGME49			
TGME49 94580 TGME49 93590 Anoay-Lacy-tearrier-protein) synthase, putative protein protein putative protein putative protein putative protein putative protein putative protein protein putative protein pr			
ICME49 04580 bindin requiring domain-containing protein 2-oxo acid dely drogenases asyltransferase catalytic domain-containing protein 1000 protein 10			
TGME49 093590 Javasay-Lacy-Learrier-protein synthase, putative (Included in other studies - Fabbl, PMID: 12549938) TGME49 093590 Malonyi CoA-asyl carrier protein transacylase, putative protein putative protein, putative prote	TGME49_040600		·
TCME49 02590 3-avaacyl-jacyl-carrier-protein jsynthase, putative 170 160-1612	TG T 10 0 10 100		
TGME49 03590 Javoacy-lacyt-carrier-protein synthase, putative TGME49 031890 Javoacy-lacyt-carrier-protein synthase III family TGME49 031890 John Javoacy-lacyt-carrier-protein synthase III family Protein, putative TGME49 081930 John Javoacy-lacyt-carrier-protein synthase III family Protein, putative Included in other studies - Fabh, PMID: 12549938 Included in other studies - Fabh, PMID: 11239932, PMID: 17327670 Importin-alpha re-exporter, putative Included in other studies - L28, PMID: 9770490 Importin-alpha re-exporter, putative Included in other studies - Nair et al; in press Included in other studies - PTI-IP, PMID: 1952497 Included in other studies - PTI-IP, PMID	TGME49_049180	synthase	
TGME49 0.51890 malonyl C.Aacyl carrier protein transacylase, putative included in other studies - Fabb, PMID: 12549938 1279624 included in other studies - Fabb, PMID: 1923932, PMID: 17327670 17327670 included in other studies - Fabb, PMID: 1923932, PMID: 17327630 included in other studies - Fabb, PMID: 1923932, PMID: 17327670 included in other studies - Fabb, PMID: 1923932, PMID: 17327670 included in other studies - Fabb, PMID: 1923932, PMID: 17327670 included in other studies - Nair et al; in press included in other studies - PIDE I PMID: 17449654 PMID: 1862918 included in other studies - PIDE I PMID: 17449654 included in other studies - PIDE I PMID: 17449654 included in other studies - PIDE I PMID: 19523497 included in other studies - PIDE I PMID: 19523497 included in other studies - PIDE I PMID: 19523497 included in other studies - PIDE I PMID: 19523497 included in other studies - PIDE I PMID: 19523497 included in other studies - PIDE I PMID: 19523497 included in other studies - PIDE I PMID: 19523492 included	TC2 5T 40 002500		
Goodsey-lacy-learnier-protein synthase III family 1000 1270624 1000 1			
TGME49 05190 cool-acyl carrier reductase 12270624 TGME49 051930 cool-acyl carrier reductase 17327670 TGME49 09710 508 ribosomal protein L28, putative included in other studies - L28, PMID: 9770490 included in other studies - Nair et al; in press 2020 comethyl-D-crythritol 2,4-cyclodiphosphate synthase domain-containing protein Pyruvate dehydrogenase, putative included in other studies - Nair et al; in press included in other studies - PDH E1, PMID: 17449654 included in other studies - PDH E2, PMID: 17449654 included in other studies - PMID: 19523497 included in other studies - PMID: 19523497 included in other studies - PMID: 17449654 inclu	TGME49_025990		,
Included in other studies - Fabl, PMID: 11239932, PMID: 17237670 IGME49 095710 ISMS ribosomal protein L28, putative included in other studies - Nair et al; in press 22-methy-Derrythriol 2,-develodiphosphate synthase included in other studies - Nair et al; in press 16ME49 095800 IGME49 045670 ISMS pyruvate dehydrogenase, putative included in other studies - Nair et al; in press included in other studies - Nair et al; in press 16ME49 045670 ISMS pyruvate dehydrogenase, putative included in other studies - Nair et al; in press 16ME49 045670 ISMS pyruvate dehydrogenase, putative included in other studies - PDH E1, PMID: 17449654, PMID: 15678769 ISMS pyruvate dehydrogenase, putative included in other studies - PDH E2, PMID: 17449654, PMID: 15678769 ISMS pyruvate dehydrogenase, putative included in other studies - PDH E2, PMID: 17449654, PMID: 15678769 ISMS pyruvate dehydrogenase, putative included in other studies - PDH E2, PMID: 17449654, PMID: 15678769 ISMS pyruvate dehydrogenase, putative included in other studies - PIGFI mannosyltransferase-II, PMID: 17749654 ISMS pyruvate dehydrogenase, putative included in other studies - PIGFI mannosyltransferase-II, PMID: 17749654 ISMS pyruvate dehydrogenase, putative included in other studies - PIGFI mannosyltransferase-II, PMID: 174797514 ISMS pyruvate dehydrogenase, putative included in other studies - PIGFI mannosyltransferase-II, PMID: 17977514 ISMS pyruvate dehydrogenase, putative included in other studies - PIGFI pp. PMID: 18069803, PMID: 18225807 ISMS pyruvate dehydrogenase, putative included in other studies - PIGFI pp. PMID: 18069803, PMID: 18225807 ISMS pyruvate dehydrogenase, putative included in other studies - PIGFI pp. PMID: 19502833 ISMS pyruvate dehydrogenase, putative included in other studies - PIGFI pp. 194054492 ISMS pyruvate dehydrogenase protein in putative included in other studies - PIGFI pp. 194054492 ISMS pyruvate kinase, putative included in other studies - PIGFI pp. 194057499 ISMS pyruvate kinase, putative included in other studies - PIGFI pp. 19			` //
TGME49 05130 TGME49 05530 TGME49 05530 TGME49 05530 TGME49 05530 TGME49 05530 TGME49 05530 TGME49 05550 TGME4	TGME49_031890	protein, putative	
TGME49 085700 Oscillation Common			,
TGME49_08500 TGME49_08500 TGME49_08500 TGME49_04500 TG			
TGME49_056690 domain-containing protein TGME49_056690 lowes20—1-deoxy-D-xylulose 5-phosphate synthase, putative included in other studies - Nair et al; in press included in other studies - Nair et al; in press included in other studies - Nair et al; in press included in other studies - PDH E1, PMID: 17449654, PMID: 161621915 biotin requiring domain-containing protein /2-oxo acid debydrogenases aryltransferase catalytic domain-containing protein containing protein ontaining protein ontaining protein ontaining protein ontaining protein ontaining protein ontaining protein included in other studies - PDH E2, PMID: 17449654, PMID: 1678769 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI mannosyltransferase-II, PMID: 1777514 included in other studies - PIGPI ma			·
TGME49 08820	TGME49_053730		included in other studies - Nair et al; in press
TGME49 045670 pyruvate dehydrogenase, putative included in other studies - PDH E1, PMID: 17449654, PMID: 15612915 biotin requiring domain-containing protein / 2-oxo acid dehydrogenases acyltransferase catalytic domain-containing protein ocntaining protein / 2-oxo acid dehydrogenases acyltransferase catalytic domain-containing protein containing protein ocntaining protein (2-oxo acid dehydrogenases acyltransferase catalytic domain-containing protein ocntaining protein ocntaining protein (2-oxo acid dehydrogenases acyltransferase catalytic domain-containing protein (2-oxo acid dehydrogenases acyltransferase catalytic domain-containing protein (2-oxo acid dehydrogenases acyltransferase, putative included in other studies - PFGPI mannosyltransferase-II, PMID: 17977814 mannosyltransferase, putative included in other studies - PRID: 19523497 included in other studies - PRID: 19502583 TGME49 05990 protein protein putative included in other studies - PLIDB, PMID: 19502583 TGME49 03590 TGME49 03590 protein protein included in other studies - PRID: 19502583 TGME49 03590 protein included in other studies - PRID: 19502583 TGME49 03590 TGME49 03590 protein included in other studies - PMID: 19502583 TGME49 03590 protein included in other studies - PMID: 1920232 TGME49 03530 TGME4			
TGME49 045670 pyruvate dehydrogenase, putative biotin requiring domain-containing protein / 2-oxo acid dehydrogenases acyltransferase catalytic domain-containing protein ocntaining protein p		U 1	*
TGME49 06610 TGME49 06610 TGME49 07970 TG	TGME49_008820	1-deoxy-D-xylulose 5-phosphate synthase, putative	
biotin requiring domain-containing protein / 2-oxo acid dehydrogenases acyltransferase catalytic domain-containing protein PMID: 16778769 Included in other studies - PDH E2, PMID: 17449654, PMID: 16778769 Included in other studies - PGPH E2, PMID: 17449654, PMID: 16778769 Included in other studies - PGPH E2, PMID: 19523497 Included in other studies - PGPH E2, PMID: 19523497 Included in other studies - PHLipB, PMID: 18069893, PMID: 1806983, PMID: 18069863, PMID: 180698, PMID: 180698, PMID: 18069863, PMID: 180698, PMID: 18069863, PMID: 18069863, PMID: 180698, PMID: 180698, PMID: 18069863, PMID: 180698, P			included in other studies - PDH E1, PMID: 17449654,
dehydrogenases acyltransferase catalytic domain- containing protein GME49_121670 TGME49_121670 TGME49_115640 Diotin/lipoate A/B protein ligase domain-containing protein GME49_115640 Diotin/lipoate A/B protein ligase domain-containing protein GME49_115640 Diotin/lipoate A/B protein ligase domain-containing protein GME49_05590 Ubiquitin-conjugating enzyme E2, putative included in other studies - Pfl.ipB, PMID: 1952583 TGME49_05590 Ubiquitin-conjugating enzyme E2, putative included in other studies - Pfl.ipB, PMID: 19502583 TGME49_035500 TGME49_035500 TGME49_035500 TGME49_035500 TGME49_05590 TGME49_05580 TGME	TGME49_045670		PMID: 15612915
TGME49 121670 mannosyltransferase, putative PMID: 17977514 TGME49 121670 mannosyltransferase, putative PMID: 17977514 TGME49 18640 pospon biotin/lipoate A/B protein ligase domain-containing protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PT(BB, PMID: 19523497 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PT(BB, PMID: 1952583 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PT(BB, PMID: 1952583 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PT(BB, PMID: 1952583 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PT(BB, PMID: 1952583 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 1952583 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 19521232 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 19521232 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 19521232 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 19521232 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 19521232 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 19521232 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 195213492 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 195213492 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 195213492 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 195213492 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 19521494 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 19521494 protein Ubiquitin-conjugating enzyme E2, putative included in other studies - PMID: 19521494 protein Ubiquitin-conjugating enzyme E2, putative inc		biotin requiring domain-containing protein / 2-oxo acid	
TGME49 121670 mannosyltransferase, putative included in other studies - PfGPI mannosyltransferase-II, PMID: 17977514 included in other studies - PfILipB, PMID: 19523497 included in other studies - PfILipB, PMID: 18069893, protein protein putative included in other studies - PfILipB, PMID: 18069893, pmospherase-putative included in other studies - PfILipB, PMID: 19502583 included in other studies - PMID: 19502584 included in other studies - PMID: 19502584 included in other studies - PMID: 20374492 included in other studies -			included in other studies - PDH E2, PMID: 17449654,
TGME49 08940 uroporphyrinogen decarboxylase, putative included in other studies - PflemE, PMID: 19523497 included in other studies - PflemE, PMID: 18069893, PMID: 15225307 included in other studies - PflemE, PMID: 19502583 included in other studies - PMID: 105034492 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492 included in other studies - PMID: 105034492 included in other studies - PMID: 105034492 included in other studies - PMID: 105034492 included in other studies - PMID: 1050345 included in other studies - PMID: 1050345 included in other studies - PMID: 1050345 included in other studies - PMID: 1050330 included in ot	TGME49_006610	containing protein	
TGME49 115640 protein ligase domain-containing included in other studies - Pfl.tpB, PMID: 18069893, PMID: 1806993, PMID: 1806993, PMID: 1806993, PMID: 1806993, PMID: 1806993, PMID: 1806993, PMID: 1806			included in other studies - PfGPI mannosyltransferase-II,
TGME49 115640 pospon biotin/lipoate A/B protein ligase domain-containing protein included in other studies - PfLipB, PMID: 18069893, PMID: 15225307 TGME49 905990 biquitin-conjugating enzyme E2, putative included in other studies - PfLipB, PMID: 19502583 TGME49 032202 phosphoglycerate kinase, putative included in other studies - PGKII, PMID: 17449654 TGME49 018840 mismatch repair protein, putative included in other studies - PMID: 19291232 TGME49 088700 hypothetical protein included in other studies - PMID: 19291232 TGME49 085700 hypothetical protein included in other studies - PMID: 19308683 TGME49 066730 leucy1-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 086730 leucy1-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 08700 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 08700 local protein smcl, putative included in other studies - PMID: 20374492 TGME49 089700 pyruvate kinase, putative included in other studies - PMID: 20374492 TGME49 021320 acetyl-CoA carboxylase, putative included in other studies - PMID: 1600400 included in other studies - PMID: 1050455 TGME49 021320 acetyl-CoA carboxylase, putative included in other studies - PMID: 10557330 TGME49 055680 ypruvate kinase, putative included in other studies - PMID: 10557330 TGME49 055680 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - PMID: 10557330 TGME49 055680 ypruvate dehydrogenase putative included in other studies - PMID: 10557330 TGME49 072290 pyruvate dehydrogenase putative included in other studies - PMID: 19450729, PMID: 17449654, PMID: 15612915 TGME49 072300 pyruvate dehydrogenase putative included in other studies - PMID: 19450729, PMID: 17449654, PMID: 15612915 TGME49 073730 pyruvate dehydrogenase putative included in other studies - PMID: 17449654, PMID: 17449654 TGME49 073730 pyruvate dehydrogenase putative included in other studies - PMID: 17449654 TGME49 073730 pyruvate dehydrogenase putative included in other stud	TGME49_121670		PMID: 17977514
TGME49 02020 phosphoglycerate kinase, putative included in other studies - PGKI, PMID: 17449654 TGME49 02020 phosphoglycerate kinase, putative included in other studies - PGKI, PMID: 17449654 TGME49 033500 triosephosphate isomerase, putative included in other studies - PMID 17449654 TGME49 038500 phosphoglycerate kinase, putative included in other studies - PMID: 19291232 TGME49 088700 phythetical protein, putative included in other studies - PMID: 19808683 TGME49 053290 valyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 066730 leucyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 020350 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 020350 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 020350 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 020350 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 020350 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 020350 lysyl-tRNA synthetase, putative included in other studies - PMID: 16600400 TGME49 027970 DNA-binding protein HU, putative included in other studies - TgHU, Rieff unpublished, PHU, PMID: 18663012 TGME49 021320 acetyl-CoA carboxylase, putative included in other studies - PPKII, PMID: 19015045 TGME49 055680 containing protein included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49 05260 cell division protein, putative included in other studies - FtsH, PMID: 19450729, PMID: TGME49 059260 isocitrate dehydrogenase protein, putative included in other studies - FtsH, PMID: 17449654, PMID: 17849654 TGME49 05800 byodoro cell division protein, putative included in other studies - FtsH, PMID: 17449654 TGME49 05800 byodoro cell division protein, putative included in other studies - FtsH, PMID: 17449654 TGME49 05800 byodoro cell division protein, putative included in other studies - FtsH, PMID: 17449654 TGME49 073730 byodor	TGME49_089940		-
TGME49 05500 abiquitin-conjugating enzyme E2, putative included in other studies - PGWE2, PMID: 19502583 TGME49 02200 phosphoglycerate kinase, putative included in other studies - PGKII, PMID: 17449654 TGME49 038300 triosephosphate isomerase, putative included in other studies - PMID: 19291232 TGME49 018840 mismatch repair protein, putative included in other studies - PMID: 19291232 TGME49 085700 hypothetical protein included in other studies - PMID: 19308683 TGME49 0563200 valy-IRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 066730 leucyl-IRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 080700 chromosome segregation protein smcl, putative included in other studies - PMID: 20374492 TGME49 080700 pyruvate kinase, putative included in other studies - PMID: 20374492 TGME49 099070 pyruvate kinase, putative included in other studies - PMID: 20374492 TGME49 099070 pyruvate kinase, putative included in other studies - TgHU, Rieff unpublished, PHU, PMID: 18663012 TGME49 055680 pyruvate kinase, putative included in other studies - PPIKI, PMID: 19015045 TGME49 055680 pyruvate kinase, putative included in other studies - PRYKII, PMID: 19015045 TGME49 055680 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - PDH E1 beta, PMID: 17449654, PMID: 176812915 TGME49 055680 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - FtsH, PMID: 19450729, PMID: 17822404 TGME49 055680 pyruvate dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17784785 TGME49 059060 pyruvate dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17784785 TGME49 090670 pyruvate dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17784785 TGME49 090670 pyruvate dehydrogenase protein manneg 57 tagged TGME49 090670 pyruvate dehydrogenase protein manneg 57 tagged TGME49 090670 pyruvate dehydrogenase protein manneg 57 tagged TGME49 090870 pyruvate dehydrogenase protein manneg 57 tagged TGME49 090			included in other studies - PfLipB, PMID: 18069893,
TGME49 022020 phosphoglycerate kinase, putative included in other studies - PGKII, PMID: 17449654 TGME49 033500 triosephosphate isomerase, putative included in other studies - PMID: 19291232 TGME49 085700 hypothetical protein included in other studies - PMID: 19291232 TGME49 085700 hypothetical protein included in other studies - PMID: 19808683 TGME49 066730 leucyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 020350 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 088700 chromosome segregation protein smc1, putative included in other studies - PMID: 20374492 TGME49 088700 chromosome segregation protein smc1, putative included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PHIU, PMID: 18603012 TGME49 027970 DNA-binding protein HU, putative included in other studies - TgHU, Rieff unpublished, PHIU, PMID: 18603012 TGME49 021320 acetyl-CoA carboxylase, putative included in other studies - PCY, KII, PMID: 19015045 TGME49 021320 acetyl-CoA carboxylase, putative included in other studies - ACC1, PMID: 10557330 VbaK / prolyl-tRNA synthetases associated domain containing protein included in other studies - ACC1, PMID: 10557330 TGME49 072290 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: TGME49 056660 isocitrate dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49 01330 DNA gyrase subunit A, putative included in other studies - PDH E3, PMID: 17449654 TGME49 01330 DNA gyrase subunit A, putative included in other studies - PDH E3, PMID: 17449654 TGME49 01830 DNA gyrase subunit A, putative among 57 tagged TGME49 018500 hypothetical protein among 57 tagged TGME49 018500 hypothetical protein among 57 tagged TGME49 018500 hypothetical protein, conserved among 57 tagged TGME49 036530 hypothetical protein, conserved among 57 tagged			
TGME49_033500 triosephosphate isomerase, putative included in other studies - PMID 17449654 TGME49_088700 hypothetical protein, putative included in other studies - PMID: 19291232 TGME49_085200 valyl-tRNA synthetase, putative included in other studies - PMID: 19808683 TGME49_066730 leucyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49_085200 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49_088700 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49_088700 chromosome segregation protein smc1, putative included in other studies - PMID: 20374492 TGME49_089700 DNA-binding protein HU, putative included in other studies - TgHU, Rieff unpublished, PHIU, PMID: 18663012 TGME49_09070 pyruvate kinase, putative included in other studies - PflyKII, PMID: 19015045 TGME49_0121320 acetyl-CoA carboxylase, putative included in other studies - PflyKII, PMID: 19015045 TGME49_055680 ybaK / prolyl-tRNA synthetases associated domain containing protein included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49_059260 cell division protein, putative included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49_059260 cell division protein, putative included in other studies - FtsH, PMID: 17784785 TGME49_05980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17784785 TGME49_05980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49_06070 cytosol aminopeptidase among 57 tagged TGME49_09070 cytosol aminopeptidase among 57 tagged TGME49_014500 protain protein among 57 tagged TGME49_014500 protein protein among 57 tagged TGME49_014500 protein protein among 57 tagged TGME49_015800 hypothetical protein among 57 tagged TGME49_016800 hypothetical protein among 57 tagged TGME49_016800 hypothetical protein among 57 tagged			,
TGME49 018840 mismatch repair protein, putative included in other studies - PMID: 19291232 TGME49 085700 hypothetical protein included in other studies - PMID: 19808683 TGME49 066730 leucyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 066730 leucyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 020350 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 088700 chromosome segregation protein smc1, putative included in other studies - PMID: 20374492 TGME49 020350 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 020970 DNA-binding protein HU, putative PfHU, PMID: 18663012 TGME49 090970 pyruvate kinase, putative included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 TGME49 021320 acetyl-CoA carboxylase, putative included in other studies - ACC1, PMID: 19015045 TGME49 055680 containing protein included in other studies - ACC1, PMID: 10557330 TGME49 072290 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49 059260 cell division protein, putative included in other studies - FtsH, PMID: 19450729, PMID: 17822404 TGME49 066760 isocitrate dehydrogenase, putative included in other studies - FtsH, PMID: 17784785 TGME49 105980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17784785 TGME49 00670 cytosol aminopeptidase among 57 tagged TGME49 0073730 hypothetical protein among 57 tagged TGME49 11690 hypothetical protein among 57 tagged TGME49 014500 protamine P1, putative among 57 tagged TGME49 105800 hypothetical protein among 57 tagged	TGME49_022020		
TGME49 085700 hypothetical protein included in other studies - PMID: 19808683 TGME49 053290 valy1-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 020350 leucy1-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 088700 chromosome segregation protein smc1, putative included in other studies - PMID: 20374492 TGME49 088700 chromosome segregation protein smc1, putative included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18630312 TGME49 099070 pyruvate kinase, putative included in other studies - PfPKII, PMID: 19015045 TGME49 021320 acety1-CoA carboxylase, putative included in other studies - ACC1, PMID: 10557330 TGME49 055680 yyuvate dehydrogenase E1 beta subunit, putative included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49 059260 cell division protein, putative included in other studies - FtsH, PMID: 19450729, PMID: 17822404 TGME49 059260 dihydrolipoyl dehydrogenase protein, putative included in other studies - FtsH, PMID: 1784785 TGME49 059260 cytosol aminopeptidase included in other studies - PDH E3, PMID: 17449654 TGME49 073730 DNA gyrase subunit A, putative included in other studies - PDH E3, PMID: 17449654 TGME49 073730 bygarase subunit A, putative included in other studies - PDH E3, PMID: 17449654 TGME49 073730 bygarase subunit A, putative included in other studies - PDH E3, PMID: 17449654 TGME49 073730 bygarase subunit A, putative included in other studies - PDH E3, PMID: 17449654 TGME49 073730 bygothetical protein among 57 tagged TGME49 073730 bygothetical protein among 57 tagged TGME49 073730 bypothetical protein among 57 tagged TGME49 074500 protain kinase, PTE5T homolog among 57 tagged TGME49 075500 bypothetical protein among 57 tagged TGME49 075500 bypothetical protein among 57 tagged TGME49 075500 bypothetical protein among 57 tagged		triosenhosphate isomerase, putative	
TGME49 053290 valyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 066730 leucyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49 088700 chromosome segregation protein smc1, putative included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfIIU, PMID: 18663012 TGME49 027970 DNA-binding protein HU, putative PfIIU, PMID: 18663012 TGME49 021320 acetyl-CoA carboxylase, putative included in other studies - FPyKII, PMID: 19015045 TGME49 021320 acetyl-CoA carboxylase, putative included in other studies - ACC1, PMID: 10557330 TGME49 055680 containing protein included in other studies - PTyKII, PMID: 1915045 TGME49 072290 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - PTyKII, PMID: 19457330 TGME49 059260 cell division protein, putative included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 TGME49 05980 dihydrolipoyl dehydrogenase protein, putative included in other studies - ICDH2, PMID: 17784785 TGME49 047930 syntaxin, putative among 57 tagged TGME49 047930 syntaxin, putative among 57 tagged TGME49 073330 hypothetical protein among 57 tagged TGME49 11690 hypothetical protein among 57 tagged TGME49 118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49 104500 protein hypothetical protein among 57 tagged TGME49 104500 protein kinase, PTES homolog among 57 tagged TGME49 105800 hypothetical protein among 57 tagged TGME49 105800 hypothetical protein, conserved among 57 tagged TGME49 105800 hypothetical protein among 57 tagged TGME49 105800 hypothetical protein among 57 tagged	TGME49_033500		
TGME49_066730 leucyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49_020350 lysyl-tRNA synthetase, putative included in other studies - PMID: 20374492 TGME49_088700 chromosome segregation protein smc1, putative included in other studies - SMC1, PMID: 16600400 Included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 TGME49_099070 pyruvate kinase, putative included in other studies - PfPyKII, PMID: 19015045 TGME49_090970 pyruvate kinase, putative included in other studies - PfPyKII, PMID: 19015045 TGME49_021320 acetyl-CoA carboxylase, putative included in other studies - ACC1, PMID: 10557330 VbaK / prolyl-tRNA synthetases associated domain containing protein containing protein included in other studies - PDH E1 beta, PMID: 175612915 TGME49_055680 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49_059260 cell division protein, putative included in other studies - FtsH, PMID: 19450729, PMID: 17822404 TGME49_066760 isocitrate dehydrogenase, putative included in other studies - ICDH2, PMID: 17784785 TGME49_066760 isocitrate dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49_01330 DNA gyrase subunit A, putative among 57 tagged TGME49_047930 syntaxin, putative among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_018510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_018500 hypothetical protein, conserved among 57 tagged TGME49_018500 hypothetical protein among 57 tagged TGME49_018500 hypothetical protein among 57 tagged TGME49_018500 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840	mismatch repair protein, putative	
TGME49_088700 chromosome segregation protein smc1, putative included in other studies - PMID: 20374492 TGME49_088700 chromosome segregation protein smc1, putative included in other studies - SMC1, PMID: 16600400 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PHU, PMID: 18663012 TGME49_09070 pyruvate kinase, putative included in other studies - PfPyKII, PMID: 19015045 TGME49_021320 acetyl-CoA carboxylase, putative included in other studies - ACC1, PMID: 10557330 TGME49_055680 containing protein TGME49_072290 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49_059260 cell division protein, putative included in other studies - FtsH, PMID: 19450729, PMID: 17822404 TGME49_06760 isocitrate dehydrogenase protein, putative included in other studies - ICDH2, PMID: 17784785 TGME49_01330 DNA gyrase subunit A, putative included in other studies - PDH E3, PMID: 17449654 TGME49_047930 syntaxin, putative among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_11690 hypothetical protein among 57 tagged TGME49_014800 protein kinase, pIEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700	mismatch repair protein, putative hypothetical protein	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683
TGME49_088700 chromosome segregation protein smc1, putative included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 pryuvate kinase, putative included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 ybak / prolyl-tRNA synthetases associated domain containing protein containing protein included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 isocitrate dehydrogenase, putative included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17784785 included in other studies -	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492
TGME49_027970 DNA-binding protein HU, putative PHU, PMID: 18663012 TGME49_099070 pyruvate kinase, putative included in other studies - PfPyKII, PMID: 19015045 TGME49_021320 acetyl-CoA carboxylase, putative included in other studies - ACC1, PMID: 10557330 Ybak / prolyl-tRNA synthetases associated domain containing protein containing protein included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49_072290 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - FtsH, PMID: 19450729, PMID: 17822404 TGME49_066760 cell division protein, putative included in other studies - ICDH2, PMID: 17784785 TGME49_105980 dihydrolipoyl dehydrogenase protein, putative included in other studies - ICDH2, PMID: 17784785 TGME49_021330 DNA gyrase subunit A, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492
TGME49_099070 DNA-binding protein HU, putative included in other studies - PfPyKII, PMID: 19015045 TGME49_091320 acetyl-CoA carboxylase, putative included in other studies - ACC1, PMID: 190557330 TGME49_055680 YbaK / prolyl-tRNA synthetases associated domain containing protein included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49_055680 pyruvate dehydrogenase E1 beta subunit, putative PMID: 15612915 TGME49_059260 pyruvate dehydrogenase, putative included in other studies - FtsH, PMID: 19450729, PMID: 17822404 TGME49_066760 isocitrate dehydrogenase, putative included in other studies - ICDH2, PMID: 17784785 TGME49_105980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49_021330 DNA gyrase subunit A, putative among 57 tagged TGME49_047930 syntaxin, putative among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_08010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492
TGME49_09070 pyruvate kinase, putative included in other studies - PfPyKII, PMID: 19015045 TGME49_021320 acetyl-CoA carboxylase, putative included in other studies - ACC1, PMID: 10557330 YbaK / prolyl-tRNA synthetases associated domain containing protein included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49_072290 pyruvate dehydrogenase E1 beta subunit, putative PMID: 15612915 TGME49_059260 cell division protein, putative 17822404 TGME49_066760 isocitrate dehydrogenase, putative included in other studies - ICDH2, PMID: 17784785 TGME49_105980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49_047930 syntaxin, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_011690 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_08530 hypothetical protein, conserved among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400
TGME49_021320 acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein TGME49_055680 containing protein TGME49_072290 pyruvate dehydrogenase E1 beta subunit, putative TGME49_05260 cell division protein, putative TGME49_066760 isocitrate dehydrogenase, putative TGME49_105980 dihydrolipoyl dehydrogenase protein, putative TGME49_021330 DNA gyrase subunit A, putative TGME49_047930 syntaxin, putative TGME49_090670 cytosol aminopeptidase TGME49_073730 hypothetical protein TGME49_111690 hypothetical protein TGME49_014500 protamine P1, putative TGME49_014500 protamine P1, putative TGME49_068010 protein kinase, PfEST homolog TGME49_05680 hypothetical protein, conserved TGME49_036530 hypothetical protein, conserved TGME49_036530 hypothetical protein, conserved TGME49_036530 hypothetical protein TGME49_036530 hypothetical protein TGME49_036530 hypothetical protein, conserved TGME49_036530 hypothetical protein TGME49_036530 hypothetical prot	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished,
YbaK / prolyl-tRNA synthetases associated domain containing protein included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 176ME49_059260 cell division protein, putative included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17784785 included in other studies - PDH E3, PMID: 177449654 included in other studies - PDH E3, PMID: 17449654 among 57 tagged ged ged ged ged ged ged ged ged ged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492 included in other studies - PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012
TGME49_072290 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 TGME49_059260 cell division protein, putative included in other studies - FtsH, PMID: 19450729, PMID: 17822404 TGME49_066760 isocitrate dehydrogenase, putative included in other studies - ICDH2, PMID: 17784785 TGME49_105980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 177449654 TGME49_021330 DNA gyrase subunit A, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_068010 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein, conserved among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_099070	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045
included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 TGME49_059260 cell division protein, putative included in other studies - ICDH2, PMID: 17784785 TGME49_066760 isocitrate dehydrogenase, putative included in other studies - ICDH2, PMID: 17784785 TGME49_015980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49_021330 DNA gyrase subunit A, putative among 57 tagged TGME49_047930 syntaxin, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_068010 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_099070	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045
TGME49_072290 pyruvate dehydrogenase E1 beta subunit, putative included in other studies - FtsH, PMID: 19450729, PMID: 176ME49_059260 cell division protein, putative included in other studies - ICDH2, PMID: 17784785 TGME49_066760 isocitrate dehydrogenase, putative included in other studies - ICDH2, PMID: 17784785 TGME49_105980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49_021330 DNA gyrase subunit A, putative among 57 tagged TGME49_047930 syntaxin, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_099070 TGME49_021320	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330
included in other studies - FtsH, PMID: 19450729, PMID: 176ME49_059260 cell division protein, putative 17822404 TGME49_066760 isocitrate dehydrogenase, putative included in other studies - ICDH2, PMID: 17784785 TGME49_105980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49_021330 DNA gyrase subunit A, putative among 57 tagged TGME49_047930 syntaxin, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_099070 TGME49_021320	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492 included in other studies - PMID: 20374492 included in other studies - PMID: 10600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press
TGME49_059260 cell division protein, putative included in other studies - ICDH2, PMID: 17784785 TGME49_105980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49_021330 DNA gyrase subunit A, putative among 57 tagged TGME49_047930 syntaxin, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_099070 TGME49_021320	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654,
TGME49_066760 isocitrate dehydrogenase, putative included in other studies - ICDH2, PMID: 17784785 TGME49_105980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49_021330 DNA gyrase subunit A, putative among 57 tagged TGME49_047930 syntaxin, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein (among 57 tagged)	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_099070 TGME49_021320 TGME49_055680	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654,
TGME49_105980 dihydrolipoyl dehydrogenase protein, putative included in other studies - PDH E3, PMID: 17449654 TGME49_021330 DNA gyrase subunit A, putative among 57 tagged TGME49_047930 syntaxin, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_068010 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_099070 TGME49_021320 TGME49_055680	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID:
TGME49_021330 DNA gyrase subunit A, putative among 57 tagged TGME49_047930 syntaxin, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein (among 57 tagged)	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_021320 TGME49_055680 TGME49_072290 TGME49_059260	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404
TGME49_047930 syntaxin, putative among 57 tagged TGME49_090670 cytosol aminopeptidase among 57 tagged TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_021320 TGME49_055680 TGME49_055680 TGME49_059260 TGME49_066760	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785
TGME49_090670cytosol aminopeptidaseamong 57 taggedTGME49_073730hypothetical proteinamong 57 taggedTGME49_111690hypothetical proteinamong 57 taggedTGME49_118510N-ethylmaleimide-sensitive factoramong 57 taggedTGME49_014500protamine P1, putativeamong 57 taggedTGME49_068010protein kinase, PfEST homologamong 57 taggedTGME49_105800hypothetical protein, conservedamong 57 taggedTGME49_036530hypothetical proteinamong 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_021320 TGME49_055680 TGME49_055680 TGME49_059260 TGME49_066760	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785
TGME49_073730 hypothetical protein among 57 tagged TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_09970 TGME49_091320 TGME49_055680 TGME49_072290 TGME49_059260 TGME49_066760 TGME49_105980 TGME49_021330	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative DNA gyrase subunit A, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17449654 among 57 tagged
TGME49_111690 hypothetical protein among 57 tagged TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_021320 TGME49_055680 TGME49_072290 TGME49_05960 TGME49_066760 TGME49_066760 TGME49_01330 TGME49_047930	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative DNA gyrase subunit A, putative syntaxin, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17449654 among 57 tagged among 57 tagged
TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_021320 TGME49_055680 TGME49_072290 TGME49_05960 TGME49_066760 TGME49_066760 TGME49_01330 TGME49_047930	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative DNA gyrase subunit A, putative syntaxin, putative cytosol aminopeptidase	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17449654 among 57 tagged among 57 tagged
TGME49_118510 N-ethylmaleimide-sensitive factor among 57 tagged TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_021320 TGME49_055680 TGME49_072290 TGME49_05966760 TGME49_05966760 TGME49_05980 TGME49_047930 TGME49_073730	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative DNA gyrase subunit A, putative syntaxin, putative cytosol aminopeptidase	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17449654 among 57 tagged among 57 tagged among 57 tagged
TGME49_014500 protamine P1, putative among 57 tagged TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_021320 TGME49_055680 TGME49_072290 TGME49_05966760 TGME49_05966760 TGME49_05980 TGME49_047930 TGME49_073730	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative DNA gyrase subunit A, putative syntaxin, putative cytosol aminopeptidase hypothetical protein	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17449654 among 57 tagged
TGME49_068010 protein kinase, PfEST homolog among 57 tagged TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_099070 TGME49_021320 TGME49_072290 TGME49_072290 TGME49_05966760 TGME49_05960 TGME49_07330 TGME49_073730 TGME49_073730 TGME49_073730 TGME49_073730 TGME49_111690	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative bNA gyrase subunit A, putative syntaxin, putative cytosol aminopeptidase hypothetical protein hypothetical protein	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17449654 among 57 tagged
TGME49_105800 hypothetical protein, conserved among 57 tagged TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_099070 TGME49_021320 TGME49_055680 TGME49_072290 TGME49_05960 TGME49_05960 TGME49_05960 TGME49_073730 TGME49_073730 TGME49_073730 TGME49_111690 TGME49_111690 TGME49_118510	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative bNA gyrase subunit A, putative syntaxin, putative cytosol aminopeptidase hypothetical protein hypothetical protein N-ethylmaleimide-sensitive factor	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17449654 among 57 tagged
TGME49_036530 hypothetical protein among 57 tagged	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_021320 TGME49_072290 TGME49_072290 TGME49_055680 TGME49_05966760 TGME49_05960 TGME49_05980 TGME49_073730 TGME49_073730 TGME49_073730 TGME49_014500 TGME49_014500	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative syntaxin, putative cytosol aminopeptidase hypothetical protein hypothetical protein N-ethylmaleimide-sensitive factor protamine P1, putative	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17449654 among 57 tagged
	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_021320 TGME49_072290 TGME49_055680 TGME49_072290 TGME49_059670 TGME49_07330 TGME49_07330 TGME49_073730 TGME49_073730 TGME49_073730 TGME49_118510 TGME49_014500 TGME49_068010	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative syntaxin, putative cytosol aminopeptidase hypothetical protein hypothetical protein N-ethylmaleimide-sensitive factor protamine P1, putative protein kinase, PfEST homolog	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17449654 among 57 tagged
	TGME49_033500 TGME49_018840 TGME49_085700 TGME49_053290 TGME49_066730 TGME49_020350 TGME49_088700 TGME49_027970 TGME49_021320 TGME49_055680 TGME49_055680 TGME49_055680 TGME49_059260 TGME49_059260 TGME49_05980 TGME49_066760 TGME49_07330 TGME49_07330 TGME49_073730	mismatch repair protein, putative hypothetical protein valyl-tRNA synthetase, putative leucyl-tRNA synthetase, putative lysyl-tRNA synthetase, putative chromosome segregation protein smc1, putative DNA-binding protein HU, putative pyruvate kinase, putative acetyl-CoA carboxylase, putative YbaK / prolyl-tRNA synthetases associated domain containing protein pyruvate dehydrogenase E1 beta subunit, putative cell division protein, putative isocitrate dehydrogenase, putative dihydrolipoyl dehydrogenase protein, putative syntaxin, putative cytosol aminopeptidase hypothetical protein hypothetical protein N-ethylmaleimide-sensitive factor protamine P1, putative protein kinase, PfEST homolog hypothetical protein, conserved	included in other studies - PMID: 19291232 included in other studies - PMID: 19808683 included in other studies - PMID: 20374492 included in other studies - SMC1, PMID: 16600400 included in other studies - TgHU, Rieff unpublished, PfHU, PMID: 18663012 included in other studies - PfPyKII, PMID: 19015045 included in other studies - ACC1, PMID: 10557330 included in other studies - YgbB, Nair et al; in press included in other studies - PDH E1 beta, PMID: 17449654, PMID: 15612915 included in other studies - FtsH, PMID: 19450729, PMID: 17822404 included in other studies - ICDH2, PMID: 17784785 included in other studies - PDH E3, PMID: 17449654 among 57 tagged

IGME49 024570 hypothetical protein among 57 tagged IGME49 017690 hypothetical protein among 57 tagged IGME49 017690 hypothetical protein among 57 tagged IGME49 015420 SNARE protein, putative among 57 tagged IGME49 015420 SNARE protein, putative among 57 tagged IGME49 015420 hypothetical protein among 57 tagged IGME49 007100 hypothetical protein among 57 tagged IGME49 01540 hypothetical protein among 57 tagged IGME49 01540 hypothetical protein among 57 tagged IGME49 101540 hypothetical protein among 57 tagged IGME49 101540 hypothetical protein among 57 tagged IGME49 101540 hypothetical protein among 57 tagged IGME49 01670 hypothetical protein among 57 tagged IGME49 01670 hypothetical protein among 57 tagged IGME49 01670 hypothetical protein among 57 tagged IGME49 01680 hypothetical protein among 57 tagged IGME49 01910 hypothetical protein among 5
IGME49 017090 hypothetical protein among 57 tagged IGME49 018420 SNARE protein, putative among 57 tagged IGME49 049310 hypothetical protein among 57 tagged IGME49 049310 hypothetical protein among 57 tagged IGME49 049310 hypothetical protein among 57 tagged IGME49 010700 hypothetical protein among 57 tagged IGME49 010700 hypothetical protein among 57 tagged IGME49 040710 hypothetical protein among 57 tagged IGME49 040700 hypothetical protein among 57 tagged IGME49 04070 hypothetical protein among 57 tagged IGME49 040900 hypothetical protein, conserved among 57 tagged IGME49 040900 hypothetical protein, conserved among 57 tagged IGME49 040900 hypothetical protein am
IGME49 015420 SNARE protein, putative among 57 tagged
IGME49 080310 hypothetical protein among 57 tagged IGME49 007100 hypothetical protein among 57 tagged IGME49 007101 hypothetical protein among 57 tagged IGME49 01700 hypothetical protein among 57 tagged IGME49 01701 hypothetical protein among 57 tagged IGME49 0180470 hypothetical protein among 57 tagged IGME49 04070 hypothetical protein among 57 tagged IGME49 078160 hypothetical protein among 57 tagged IGME49 0781
IGME49 001270 INpothetical protein among 57 tagged IGME49 001270 INpothetical protein among 57 tagged IGME49 001270 INpothetical protein among 57 tagged IGME49 113640 INpothetical protein among 57 tagged IGME49 194090 INpothetical protein among 57 tagged IGME49 040900 INpothetical protein among 57 tagged IGME49 040770 INpothetical protein among 57 tagged IGME49 04070 INPOTHETIAL OF TAGGED AMONG TAGGED TAGGED AMONG TAGGED TAGGED AMONG TAGGED AM
IGME49 001270 INpothetical protein among 57 tagged IGME49 001270 INpothetical protein among 57 tagged IGME49 001270 INpothetical protein among 57 tagged IGME49 113640 INpothetical protein among 57 tagged IGME49 194090 INpothetical protein among 57 tagged IGME49 040900 INpothetical protein among 57 tagged IGME49 040770 INpothetical protein among 57 tagged IGME49 04070 INPOTHETIAL OF TAGGED AMONG TAGGED TAGGED AMONG TAGGED TAGGED AMONG TAGGED AM
IGME49 01370 hypothetical protein among 57 tagged hypothetical protein, conserved among 57 tagged hypothetical protein among 57 tagged hypothetical
IGME49 101370 hypothetical protein among 57 tagged
IGME49 113640 hypothetical protein among 57 tagged hypothetical protein among 57 tagged hypothetical protein among 57 tagged mong 57 tagged hypothetical protein among 57 tagged mong 57 t
TGME49 046770 hypothetical protein among 57 tagged
IGME49 061680 hypothetical protein among 57 tagged
TGME49 021920 Dypothetical protein among 57 tagged
IGME49 021920 hypothetical protein among 57 tagged
TGME49 078160 hypothetical protein among 57 tagged succinyl-CoA ligase alpha subunit, putative among 57 tagged succinyl-CoA ligased succinyl-CoA l
TGME49 09600 succinyl-CoA ligase alpha subunit, putative among 57 tagged
TGME49 032440 hypothetical protein among 57 tagged
IGME49 070070 vesicle trafficking protein, putative among 57 tagged IGME49 091810 hypothetical protein among 57 tagged IGME49 095460 got1-like family domain-containing protein among 57 tagged IGME49 110770 hypothetical protein, conserved among 57 tagged IGME49 085510 hypothetical protein among 57 tagged IGME49 085510 hypothetical protein among 57 tagged IGME49 084520 hypothetical protein, conserved among 57 tagged IGME49 039680 hypothetical protein, conserved among 57 tagged IGME49 014560 hypothetical protein, conserved among 57 tagged IGME49 082150 hypothetical protein, conserved among 57 tagged IGME49 08630 hypothetical protein among 57 tagged IGME49 016630 hypothetical protein among 57 tagged IGME49 01630 hypothetical protein among 57 tagged IGME49 016790 ABC transporter, putative among 57 tagged
TGME49 091810 hypothetical protein among 57 tagged TGME49 087270 hypothetical protein among 57 tagged TGME49 p095460 get1-like family domain-containing protein among 57 tagged TGME49 110770 hypothetical protein, conserved among 57 tagged TGME49 085510 hypothetical protein among 57 tagged TGME49 02600 hypothetical protein, conserved among 57 tagged TGME49 039680 hypothetical protein, conserved among 57 tagged TGME49 039680 hypothetical protein, conserved among 57 tagged TGME49 04560 hypothetical protein, conserved among 57 tagged TGME49 09030 hypothetical protein, conserved among 57 tagged TGME49 082150 hypothetical protein among 57 tagged TGME49 016630 hypothetical protein among 57 tagged TGME49 033340 hypothetical protein among 57 tagged TGME49 04670 ABC transporter, putative among 57 tagged T
TGME49_087270 hypothetical protein among 57 tagged TGME49_095460 got1-like family domain-containing protein among 57 tagged TGME49_085510 hypothetical protein, conserved among 57 tagged TGME49_08520 hypothetical protein among 57 tagged TGME49_054520 hypothetical protein, conserved among 57 tagged TGME49_039680 hypothetical protein, conserved among 57 tagged TGME49_014560 hypothetical protein, conserved among 57 tagged TGME49_08030 hypothetical protein, conserved among 57 tagged TGME49_08030 hypothetical protein, conserved among 57 tagged TGME49_08030 hypothetical protein among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_01670 RNA helicase, putative among 57 tagged TGME49_016790 ABC transporter, putative among 57 tagged TGME49_094250 hypothetical protein among 57 tagged TGME49_042150 hypothetical protein among 57 tagged TGME49_039320 hypothetical protein among 57 tagged <tr< td=""></tr<>
TGME49_087270 hypothetical protein among 57 tagged TGME49_095460 got1-like family domain-containing protein among 57 tagged TGME49_085510 hypothetical protein, conserved among 57 tagged TGME49_08520 hypothetical protein among 57 tagged TGME49_054520 hypothetical protein, conserved among 57 tagged TGME49_039680 hypothetical protein, conserved among 57 tagged TGME49_014560 hypothetical protein, conserved among 57 tagged TGME49_08030 hypothetical protein, conserved among 57 tagged TGME49_08030 hypothetical protein, conserved among 57 tagged TGME49_08030 hypothetical protein among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_01670 RNA helicase, putative among 57 tagged TGME49_016790 ABC transporter, putative among 57 tagged TGME49_094250 hypothetical protein among 57 tagged TGME49_094250 hypothetical protein among 57 tagged TGME49_039320 hypothetical protein among 57 tagged <tr< td=""></tr<>
TGME49 095460 got1-like family domain-containing protein among 57 tagged mong 57
TGME49_110770 hypothetical protein, conserved among 57 tagged TGME49_085510 hypothetical protein among 57 tagged TGME49_020600 hypothetical protein, conserved among 57 tagged TGME49_039680 hypothetical protein, conserved among 57 tagged TGME49_039680 hypothetical protein, conserved among 57 tagged TGME49_08510 hypothetical protein, conserved among 57 tagged TGME49_08160 hypothetical protein among 57 tagged TGME49_082150 hypothetical protein among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_016630 hypothetical protein among 57 tagged TGME49_016700 RNA helicase, putative among 57 tagged TGME49_016790 ABC transporter, putative among 57 tagged TGME49_04520 hypothetical protein TGME49_04520 hypothetical protein among 57 tagged TGME49_04520 hypothetical protein among 57 tagged TGME49_024150 hypothetical protein among 57 tagged TGME49_024150 hypothetical protein among 57 tagged TGME49_063510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_08330 hypothetical protein, conserved among 57 tagged TGME49_08400 hypothetical protein, conserved among 57 tagged TGME49_047410 hypothetical protein among 57 tagged TGME49_08400 amino acid transporter, putative among 57 tagged TGME49_08400 amino acid transporter, putativ
TGME49_055510 hypothetical protein among 57 tagged TGME49_054520 hypothetical protein, conserved among 57 tagged TGME49_039680 hypothetical protein, conserved among 57 tagged TGME49_039680 hypothetical protein, conserved among 57 tagged TGME49_090030 hypothetical protein, conserved among 57 tagged TGME49_090030 hypothetical protein, conserved among 57 tagged TGME49_082150 hypothetical protein, conserved among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_01670 RNA helicase, putative among 57 tagged TGME49_016790 ABC transporter, putative among 57 tagged TGME49_094250 hypothetical protein among 57 tagged TGME49_04150 hypothetical protein among 57 tagged TGME49_054150 hypothetical protein among 57 tagged TGME49_039320 hypothetical protein among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged
TGME49_054520hypothetical proteinamong 57 taggedTGME49_020600hypothetical protein, conservedamong 57 taggedTGME49_039680hypothetical protein, conservedamong 57 taggedTGME49_014560hypothetical proteinamong 57 taggedTGME49_09030hypothetical protein, conservedamong 57 taggedTGME49_082150hypothetical protein, conservedamong 57 taggedTGME49_016630hypothetical protein, conservedamong 57 taggedTGME49_01670RNA helicase, putativeamong 57 taggedTGME49_033340hypothetical proteinamong 57 taggedTGME49_016790ABC transporter, putativeamong 57 taggedTGME49_016790hypothetical proteinamong 57 taggedTGME49_018790major facilitator superfamily domain-containing proteinamong 57 taggedTGME49_03510major facilitator superfamily domain-containing proteinamong 57 taggedTGME49_053510pamma-tubulin complex component 2, putativeamong 57 taggedTGME49_063510pamma-tubulin complex component 2, putativeamong 57 taggedTGME49_06830hypothetical protein, conservedamong 57 taggedTGME49_084620hypothetical protein, conservedamong 57 taggedTGME49_084620hypothetical proteinamong 57 taggedTGME49_084620hypothetical proteinamong 57 taggedTGME49_08520hypothetical proteinamong 57 taggedTGME49_08520hypothetical proteinamong 57 taggedTGME49_08520hypothetical proteinamong 57 tagged </td
TGME49_039680 hypothetical protein, conserved among 57 tagged TGME49_039680 hypothetical protein among 57 tagged TGME49_014560 hypothetical protein among 57 tagged TGME49_09030 hypothetical protein among 57 tagged TGME49_082150 hypothetical protein among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_01670 RNA helicase, putative among 57 tagged TGME49_01670 RNA helicase, putative among 57 tagged TGME49_016700 ABC transporter, putative among 57 tagged TGME49_016790 ABC transporter, putative among 57 tagged TGME49_04250 hypothetical protein among 57 tagged TGME49_024150 major facilitator superfamily domain-containing protein among 57 tagged TGME49_024150 lypothetical protein among 57 tagged TGME49_03510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_04400 hypothetical protein, conserved among 57 tagged TGME49_046400 hypothetical protein among 57 tagged TGME49_046400 hypothetical protein among 57 tagged TGME49_046400 hypothetical protein among 57 tagged TGME49_059330 hypothetical protein among 57 tagged TGME49_06400 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein border
TGME49_014560 hypothetical protein, conserved among 57 tagged TGME49_090030 hypothetical protein among 57 tagged TGME49_090030 hypothetical protein among 57 tagged TGME49_082150 hypothetical protein among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_01670 RNA helicase, putative among 57 tagged TGME49_033340 hypothetical protein among 57 tagged TGME49_016790 ABC transporter, putative among 57 tagged TGME49_04250 hypothetical protein among 57 tagged TGME49_04250 hypothetical protein among 57 tagged TGME49_024150 hypothetical protein among 57 tagged TGME49_03310 gamma-tubulin complex component 2, putative among 57 tagged TGME49_0339320 hypothetical protein, conserved among 57 tagged TGME49_047410 hypothetical protein, conserved among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_084640 hypothetical protein among 57 tagged TGME49_0846470 hypothetical protein among 57 tagged TGME49_0846470 hypothetical protein, conserved among 57 tagged TGME49_084640 hypothetical protein among 57 tagged TGME49_0846470 hypothetical protein, conserved among 57 tagged TGME49_084640 among 57 tagged TGME49_084640 hypothetical protein among 57 tagged TGME49_084640 hypothetical protein bypothetical protein border-line candidate
TGME49_01030 hypothetical protein among 57 tagged TGME49_090030 hypothetical protein, conserved among 57 tagged TGME49_082150 hypothetical protein among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_033340 hypothetical protein among 57 tagged TGME49_033340 hypothetical protein among 57 tagged TGME49_016790 ABC transporter, putative among 57 tagged TGME49_094250 hypothetical protein among 57 tagged TGME49_024150 hypothetical protein among 57 tagged TGME49_04250 hypothetical protein among 57 tagged TGME49_043510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_068830 hypothetical protein, conserved among 57 tagged TGME49_047410 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein TGME49_084620 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_08520 hypothetical protein among 57 tagged TGME49_08520 hypothetical protein among 57 tagged TGME49_08520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 ta
TGME49 082150 hypothetical protein, conserved among 57 tagged TGME49 08150 hypothetical protein among 57 tagged TGME49 016630 hypothetical protein, conserved among 57 tagged TGME49 091670 RNA helicase, putative among 57 tagged TGME49 033340 hypothetical protein among 57 tagged TGME49 016790 ABC transporter, putative among 57 tagged TGME49 04550 hypothetical protein among 57 tagged TGME49 04550 hypothetical protein among 57 tagged TGME49 024150 hypothetical protein among 57 tagged TGME49 063510 gamma-tubulin complex component 2, putative among 57 tagged TGME49 068830 hypothetical protein, conserved among 57 tagged TGME49 047410 hypothetical protein, conserved among 57 tagged TGME49 084620 hypothetical protein among 57 tagged TGME49 084620 hypothetical protein among 57 tagged TGME49 0595230 hypothetical protein among 57 tagged TGME49 078170 hypothetical protein bypothetical protein among 57 tagged TGME49 078170 hypothetical protein bypothetical protein border-line candidate
TGME49 082150 hypothetical protein among 57 tagged TGME49 016630 hypothetical protein, conserved among 57 tagged TGME49 01670 RNA helicase, putative among 57 tagged TGME49 016790 RNA hypothetical protein among 57 tagged TGME49 016790 hypothetical protein among 57 tagged TGME49 018790 hypothetical protein among 57 tagged TGME49 118150 major facilitator superfamily domain-containing protein among 57 tagged TGME49 024150 hypothetical protein among 57 tagged TGME49 063510 gamma-tubulin complex component 2, putative among 57 tagged TGME49 068830 hypothetical protein, conserved among 57 tagged TGME49 047410 hypothetical protein, conserved among 57 tagged TGME49 08830 hypothetical protein among 57 tagged TGME49 088400 hypothetical protein among 57 tagged TGME49 084620 hypothetical protein among 57 tagged TGME49 084620 hypothetical protein among 57 tagged TGME49 0859230 hypothetical protein among 57 tagged TGME49 085920 hypothetical protein among 57 tagged TGME49 086400 hypothetical protein border-line candidate
TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_091670 RNA helicase, putative among 57 tagged TGME49_033340 hypothetical protein among 57 tagged TGME49_016790 ABC transporter, putative among 57 tagged TGME49_094250 hypothetical protein among 57 tagged TGME49_118150 major facilitator superfamily domain-containing protein among 57 tagged TGME49_024150 hypothetical protein among 57 tagged TGME49_03510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_068830 hypothetical protein, conserved among 57 tagged TGME49_047410 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059240 hypothetical protein among 57 tagged TGME49_06840 of 78170 hypothetical protein among 57 tagged TGME49_06840 of 78170 hypothetical protein among 57 tagged TGME49_06840 of 78170 hypothetical protein among 57 tagged TGME49_06860 amino acid transporter, putative among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_016630 hypothetical protein, conserved among 57 tagged TGME49_091670 RNA helicase, putative among 57 tagged TGME49_033340 hypothetical protein among 57 tagged TGME49_04250 hypothetical protein among 57 tagged TGME49_094250 hypothetical protein among 57 tagged TGME49_118150 major facilitator superfamily domain-containing protein among 57 tagged TGME49_063510 pamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_068830 hypothetical protein, conserved among 57 tagged TGME49_068830 hypothetical protein, conserved among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059240 hypothetical protein among 57 tagged TGME49_059240 hypothetical protein among 57 tagged TGME49_0686470 hypothetical protein among 57 tagged TGME49_06860 amino acid transporter, putative among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_033340 hypothetical protein among 57 tagged TGME49_016790 ABC transporter, putative among 57 tagged TGME49_094250 hypothetical protein among 57 tagged TGME49_118150 major facilitator superfamily domain-containing protein among 57 tagged TGME49_024150 hypothetical protein among 57 tagged TGME49_063510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_068830 hypothetical protein, conserved among 57 tagged TGME49_041410 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_090860 hypothetical protein border-line candidate
TGME49_033340 hypothetical protein among 57 tagged TGME49_094250 hypothetical protein among 57 tagged TGME49_118150 major facilitator superfamily domain-containing protein among 57 tagged TGME49_024150 hypothetical protein among 57 tagged TGME49_063510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_086830 hypothetical protein, conserved among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_002440 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_08600 amino acid transporter, putative among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_016790 ABC transporter, putative among 57 tagged TGME49_094250 hypothetical protein among 57 tagged TGME49_118150 major facilitator superfamily domain-containing protein among 57 tagged TGME49_024150 hypothetical protein among 57 tagged TGME49_063510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_08830 hypothetical protein, conserved among 57 tagged TGME49_047410 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_002440 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_094250 hypothetical protein among 57 tagged TGME49_118150 major facilitator superfamily domain-containing protein among 57 tagged TGME49_024150 hypothetical protein among 57 tagged TGME49_063510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_068830 hypothetical protein, conserved among 57 tagged TGME49_047410 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_002440 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_118150 major facilitator superfamily domain-containing protein among 57 tagged TGME49_024150 hypothetical protein among 57 tagged TGME49_063510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_068830 hypothetical protein, conserved among 57 tagged TGME49_047410 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_002440 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_024150 hypothetical protein among 57 tagged TGME49_063510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_068830 hypothetical protein, conserved among 57 tagged TGME49_047410 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_002440 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_063510 gamma-tubulin complex component 2, putative among 57 tagged TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_068830 hypothetical protein, conserved among 57 tagged TGME49_047410 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_002440 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_039320 hypothetical protein, conserved among 57 tagged TGME49_068830 hypothetical protein among 57 tagged TGME49_047410 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_002440 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_068830hypothetical protein, conservedamong 57 taggedTGME49_047410hypothetical proteinamong 57 taggedTGME49_084620hypothetical proteinamong 57 taggedTGME49_002440hypothetical proteinamong 57 taggedTGME49_059230hypothetical proteinamong 57 taggedTGME49_059520hypothetical proteinamong 57 taggedTGME49_078170hypothetical proteinamong 57 taggedTGME49_046470hypothetical protein, conservedamong 57 taggedTGME49_090860amino acid transporter, putativeamong 57 taggedTGME49_012940hypothetical proteinborder-line candidate
TGME49_047410 hypothetical protein among 57 tagged TGME49_084620 hypothetical protein among 57 tagged TGME49_002440 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_084620 hypothetical protein among 57 tagged TGME49_002440 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_084620 hypothetical protein among 57 tagged TGME49_002440 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_002440 hypothetical protein among 57 tagged TGME49_059230 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_059230 hypothetical protein among 57 tagged TGME49_059520 hypothetical protein among 57 tagged TGME49_078170 hypothetical protein among 57 tagged TGME49_046470 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_059520hypothetical proteinamong 57 taggedTGME49_078170hypothetical proteinamong 57 taggedTGME49_046470hypothetical protein, conservedamong 57 taggedTGME49_090860amino acid transporter, putativeamong 57 taggedTGME49_012940hypothetical proteinborder-line candidate
TGME49_078170hypothetical proteinamong 57 taggedTGME49_046470hypothetical protein, conservedamong 57 taggedTGME49_090860amino acid transporter, putativeamong 57 taggedTGME49_012940hypothetical proteinborder-line candidate
TGME49_046470 hypothetical protein, conserved among 57 tagged TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_090860 amino acid transporter, putative among 57 tagged TGME49_012940 hypothetical protein border-line candidate
TGME49_012940 hypothetical protein border-line candidate
_
TGME49 040280 hypothetical protein border-line candidate
_
TGME49_022180 hypothetical protein border-line candidate
protein tyrosine phosphatase-like domian-containing
TGME49_111290 protein border-line candidate
TGME49_057990 heat shock protein, putative border-line candidate
TGME49 088570 hypothetical protein border-line candidate
TGME49_021170 peptidase family M48 domain-containing protein border-line candidate
TGME49_097800 structural maintenance of chromosomes protein, putative border-line candidate
= 01
TGME49_022220 articulin 4 border-line candidate
TGME49_025050 adenosylhomocysteinase, putative border-line candidate
TGME49_066620 thioredoxin, putative border-line candidate
TGME49_057450 SCO1/SenC domain-containing protein border-line candidate
TGME49_121430 DNA repair protein recA , putative border-line candidate
TGME49_062100 TPR domain-containing protein border-line candidate
TGME49 018920 proteasome subunit beta type 5, putative border-line candidate
TGME49 020250 chloride channel, nucleotide-sensitive, 1A, putative border-line candidate
TGME49_073500 signal transduction protein, putative border-line candidate
TGME49_049590 proteasome subunit alpha type 5, putative border-line candidate
TGME49_118310 transketolase, putative border-line candidate
transport property to a section the anti-conference dec. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TGME49_032600 patatin-like phospholipase domain-containing protein rejected
TGME49_032600 patatin-like phospholipase domain-containing protein rejected TGME49_010780 ubiquitin carboxyl-terminal hydrolase, putative rejected TGME49_121660 hypothetical protein rejected

TGME49_072910	TCP-1/cpn60 family chaperonin, putative	rejected
TGME49_058060	hypothetical protein, conserved	rejected
TGME49_031170	chromosome condensation protein, putative	rejected
TGME49 057540	hypothetical protein	rejected
TGME49 019870	DNA replication licensing factor, putative	rejected
TGME49 071200	hypothetical protein	rejected
TGME49 120110	proliferating cell nuclear antigen, putative	rejected
10.12.17_120110		rejecteu
TCNTE 40 00 4 (40	ribonucleoside-diphosphate reductase, large subunit,	
TGME49_094640	putative	rejected
TGME49_097080	hypothetical protein	rejected
TGME49_059250	ATP-dependent DNA helicase, putative	rejected
TGME49_018780	phosphoserine aminotransferase, putative	rejected
TGME49_008560	mitochondrial carrier domain-containing protein	rejected
TGME49 034190	glycine hydroxymethyltransferase, putative	rejected
TGME49 062560	hypothetical protein	rejected
TGME49 086760	hypothetical protein	rejected
TGME49 020450	ribonuclease H, putative	rejected
TGME49 090150	hypothetical protein	rejected
TGME49_050130	DEAD/DEAH box helicase, putative	rejected
TGME49_110300 TGME49_069130	hypothetical protein	3
		rejected
TGME49_115110	prefoldin subunit 5, putative	rejected
	phosphatidylinositol 3- and 4-kinase domain-containing	
TGME49_083700	protein	rejected
TGME49_061950	ATP synthase beta chain, putative	rejected
TGME49_009770	DNA repair helicase, putative	rejected
TGME49_022030	hypothetical protein	rejected
_	tRNA (Uracil-5-)-methyltransferase domain-containing	-
TCME 40 071000		
TGME49_071860	protein	rejected
TGME49_077220	hypothetical protein	rejected
TGME49_036800	hypothetical protein	rejected
TGME49_057440	hypothetical protein	rejected
TGME49_073520	proteasome PCI domain-containing protein	rejected
TGME49 028180	cytochrome C oxidase assembly factor COX15, putative	rejected
TGME49 019100	cyclin-dependent kinase, putative	rejected
TGME49 088540	hypothetical protein	rejected
TGME49 043390	hypothetical protein	rejected
TGME49 120570	G1 to S phase transition protein, putative	rejected
TGME49_120370	methionine aminopeptidase, putative	rejected
TGME49_037730	hypothetical protein	· ·
		rejected
TGME49_116520	1,4-alpha-glucan branching enzyme, putative	rejected
TGME49_044550	hypothetical protein	rejected
TGME49_053540	hypothetical protein	rejected
TGME49_053540	hypothetical protein	rejected
TGME49_053540 TGME49_057740	hypothetical protein UMP-CMP kinase, putative	rejected rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved	rejected rejected rejected rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative	rejected rejected rejected rejected rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein	rejected rejected rejected rejected rejected rejected rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein	rejected rejected rejected rejected rejected rejected rejected rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740 TGME49_026890	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740 TGME49_026890 TGME49_044300	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_044300 TGME49_031910 TGME49_031910 TGME49_037140 TGME49_084010	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_044300 TGME49_034500 TGME49_031910 TGME49_037140 TGME49_084010 TGME49_084010 TGME49_037220	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_044300 TGME49_034500 TGME49_031910 TGME49_031910 TGME49_037140 TGME49_084010 TGME49_084010 TGME49_037220 TGME49_072160	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_044300 TGME49_031910 TGME49_031910 TGME49_037140 TGME49_037120 TGME49_037220 TGME49_072160 TGME49_075110	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910 TGME49_031910 TGME49_037140 TGME49_037220 TGME49_072160 TGME49_072160 TGME49_005110 TGME49_060680	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein hypothetical protein DNA primase small subunit, putative	rejected
TGME49_053540 TGME49_057740 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910 TGME49_037140 TGME49_037140 TGME49_037140 TGME49_037140 TGME49_05110 TGME49_05110 TGME49_060680 TGME49_060680 TGME49_049510	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein hypothetical protein DNA primase small subunit, putative hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910 TGME49_037140 TGME49_037140 TGME49_037140 TGME49_037140 TGME49_05110 TGME49_05110 TGME49_05110 TGME49_060680 TGME49_049510 TGME49_110360	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910 TGME49_031910 TGME49_037140	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein hypothetical protein DNA primase small subunit, putative hypothetical protein hypothetical protein, conserved hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910 TGME49_031910 TGME49_037140 TGME49_037140 TGME49_037140 TGME49_05110 TGME49_05110 TGME49_05110 TGME49_060680 TGME49_049510 TGME49_014310 TGME49_014310 TGME49_014310 TGME49_053160	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein hypothetical protein hypothetical protein, conserved hypothetical protein hypothetical protein hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910 TGME49_031910 TGME49_037140	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein hypothetical protein DNA primase small subunit, putative hypothetical protein hypothetical protein, conserved hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910 TGME49_031910 TGME49_037140 TGME49_037140 TGME49_037140 TGME49_05110 TGME49_05110 TGME49_05110 TGME49_060680 TGME49_049510 TGME49_014310 TGME49_014310 TGME49_014310 TGME49_053160	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein hypothetical protein hypothetical protein, conserved hypothetical protein hypothetical protein hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_060410 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910 TGME49_031910 TGME49_037140 TGME49_037140 TGME49_037140 TGME49_05110 TGME49_0510 TGME49_05110 TGME49_05110 TGME49_0510 TGME49_049510 TGME49_014310 TGME49_013160 TGME49_053160 TGME49_053160 TGME49_077680	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein hypothetical protein bypothetical protein hypothetical protein hypothetical protein, conserved hypothetical protein hypothetical protein hypothetical protein hypothetical protein hypothetical protein hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910 TGME49_031910 TGME49_037140 TGME49_037140 TGME49_05110 TGME49_0510 TGME49_0510 TGME49_072160 TGME49_0510 TGME49_0510 TGME49_072160	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein hypothetical protein DNA primase small subunit, putative hypothetical protein	rejected
TGME49_053540 TGME49_057740 TGME49_057740 TGME49_071240 TGME49_050010 TGME49_090160 TGME49_011060 TGME49_017740 TGME49_026890 TGME49_044300 TGME49_048530 TGME49_034500 TGME49_031910 TGME49_031910 TGME49_037140 TGME49_037140 TGME49_05110 TGME49_05110 TGME49_05110 TGME49_05110 TGME49_05110 TGME49_049510 TGME49_014310 TGME49_014310 TGME49_013160 TGME49_077680 TGME49_077680 TGME49_077680	hypothetical protein UMP-CMP kinase, putative KH domain-containing protein hypothetical protein, conserved sortilin, putative hypothetical protein hypothetical protein hypothetical protein oxoacyl-ACP reductase, putative hypothetical protein hypothetical protein hypothetical protein phosphatidylinositol 3- and 4-kinase domain-containing protein phenylalanyl tRNA synthetase isoform, putative ATP synthase gama chain, putative ethylene inducible protein, putative DNA polymerase I, putative DNA replication licensing factor, putative hypothetical protein hypothetical protein bypothetical protein hypothetical protein hypothetical protein hypothetical protein, conserved hypothetical protein	rejected

TGME49_051730	hypothetical protein	rejected
TGME49_090620	hypothetical protein	rejected
TGME49_040520	hypothetical protein	rejected
TGME49 006700	hypothetical protein	rejected
TGME49 051800	hypothetical protein	rejected
TGME49 089360	hypothetical protein	rejected
TGME49 073330	hypothetical protein	rejected
TGME49_075350	hypothetical protein	rejected
	V1 1	ů .
TGME49_051520	hypothetical protein	rejected
TGME49_095060	hypothetical protein	rejected
TGME49_043920	DNA replication licensing factor, putative	rejected
TGME49_061620	hypothetical protein	rejected
TGME49 100270	hypothetical protein	rejected
TGME49 073850	hypothetical protein	rejected
TGME49 089000	hypothetical protein	rejected
TGME49 011730	SET domain-containing protein	rejected
TGME49 100260	threonyl-tRNA synthetase, putative	rejected
TGME49_100200	hypothetical protein	rejected
	VI I	ů.
TGME49_044690	hypothetical protein	rejected
TGME49_095970	hypothetical protein	rejected
TGME49_003710	hypothetical protein	rejected
TGME49_007060	putative	rejected
TGME49_073800	hypothetical protein, conserved	rejected
TGME49_042810	hypothetical protein	rejected
	hydroxymethyldihydropterin pyrophosphokinase-	
TGME49 059550	dihydropteroate synthase	rejected
TGME49_03/330	DNA replication licensing factor, putative	rejected
TGME49_014970 TGME49_113750		ů .
	hypothetical protein, conserved	rejected
TGME49_026960	phosphofructokinase, putative	rejected
TGME49_022270	hypothetical protein	rejected
TGME49_017730	hypothetical protein	rejected
TGME49_001250	chypothetical protein, conserved	rejected
TGME49 070360	hypothetical protein	rejected
TGME49 001870	TPR domain-containing protein	rejected
TGME49 086140	hypothetical protein	rejected
TGME49 011070	hypothetical protein	rejected
TGME49 087480	hypothetical protein	rejected
TGME49_082090	hypothetical protein	ů .
	v i	rejected
TGME49_019080	hypothetical protein	rejected
TGME49_039270	hypothetical protein	rejected
TGME49_062910	NADH-cytochrome B5 reductase, putative	rejected
TGME49_058380	hypothetical protein	rejected
TGME49 044510	hypothetical protein	rejected
TGME49 054820	hypothetical protein	rejected
TGME49 106970	thymidylate kinase, putative	rejected
TGME49 032240	hypothetical protein, conserved	rejected
TGME49_032240	hypothetical protein, conserved	rejected
	hypothetical protein	ů .
TGME49_049940		rejected
TGME49_089070	P-Type cation-transporting ATPase, putative	NA .
TGME49_092080	leucyl-tRNA synthetase, putative	NA
TGME49_051590	protease, putative	NA
TGME49_068850	enolase 2	NA
TGME49_024900	adenylate kinase, putative	NA
TGME49_033140	putative	NA
TGME49 054580	UDP-galactose transporter protein, putative	NA
TGME49_034380	lactoylglutathione lyase, putative	NA NA
1 OMIET/_040400	endonuclease/exonuclease/phosphatase domain-	11/12
TCME 40 022210		NA
TGME49_032310	containing protein	NA
TGME49_040430	glyoxalase, putative	NA
TGME49_049530	exportin, putative	NA
TGME49_057770	SET domain-containing protein	NA
TGME49_043510	OTU-like cysteine protease domain-containing protein	NA
TGME49 089300	methionyl-tRNA synthetase, putative	NA
TGME49 057960	mannose-1-phosphate guanylyltransferase, putative	NA
TGME49_037900	histidyl tRNA synthetase 2	NA NA
TGME49_018810 TGME49_052290	importin alpha, putative	NA NA
TGME49_017910	DNA polymerase alpha catalytic subunit	NA NA
TGME49_099200	trafficking protein particle complex subunit 3, putative	NA
TGME49_060420	HEC/Ndc80p family protein, putative	NA
TGME49_038050	protein	NA

1		
	emp24/gp25L/p24 family domain-containing,	
TGME49_038100	transmembrane protein, putative	NA
TGME49_019540	alanyl-tRNA synthetase, putative	NA
TGME49 040650	coatomer alpha subunit, putative	NA
TGME49 047510	fructose-1,6-bisphosphatase, putative	NA
TGME49 025310	ARF1-directed GTPase-activating protein, putative	NA
TGME49_023510	putative	NA NA
TGME49_094020 TGME49_057490	prefoldin subunit 3, putative	NA NA
TGME49_066450	lysine decarboxylase domain-containing protein	NA
TGME49_061460	structure specific recognition protein I, putative	NA
TGME49_037890	CAM kinase, CDPK family	NA
TGME49_121590	hypothetical protein	NA
TGME49 030060	acetyltransferase domain-containing protein	NA
TGME49 078280	WD-40 repeat-containing protein	NA
TGME49 051880	tyrosyl-tRNA synthetase, putative	NA
TGME49 014780	putative	NA
TGME49_014780	tryptophanyl-tRNA synthetase, putative	NA NA
TGME49_002370	TCP-1/cpn60 family chaperonin, putative	NA
TGME49_047610	snRNP protein Lsm5, putative	NA
TGME49_118720	proline synthetase co-transcribed protein, putative	NA
TGME49_037110	replication factor C small subunit, putative	NA
TGME49 031240	chromatin assembly factor 1 subunit, putative	NA
TGME49 043950	prohibitin, putative	NA
TGME49 080690	DNA polymerase epsilon subunit, putative	NA
TGME49_000000	eukaryotic peptide chain release factor subunit, putative	NA NA
TGME49_104710	zinc finger MYND domain-containing protein	NA NA
TGME49_036130	Signal recognition particle 9 kDa protein, putative	NA NA
TGME49_106930	proteasome subunit beta type 7, putative	NA
	mitochondrial branched-chain alpha-keto acid	
TGME49_039490	dehydrogenase E1, putative	NA
TGME49_111080	cation channel family domain-containing protein	NA
TGME49 025240	50s ribosomal protein L13, putative	NA
_	serine:pyruvate/alanine:glyoxylate aminotransferase,	
TGME49 039520	putative	NA
TGME49_052310	DNA polymerase epsilon p17 subunit, putative	NA NA
	CMGC kinase	NA NA
TGME49_054630		
TGME49_024610	IQ calmodulin-binding motif domain-containing protein	NA
TGME49_024610 TGME49_010960	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative	NA NA
TGME49_024610	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative	NA NA NA
TGME49_024610 TGME49_010960	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative	NA NA
TGME49_024610 TGME49_010960 TGME49_002530	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative	NA NA NA
TGME49_024610 TGME49_010960 TGME49_002530 TGME49_111500 TGME49_050880	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase	NA NA NA NA NA NA
TGME49 024610 TGME49 010960 TGME49 002530 TGME49 111500 TGME49 050880 TGME49 003170	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein	NA NA NA NA NA NA NA NA
TGME49_024610 TGME49_010960 TGME49_002530 TGME49_111500 TGME49_050880 TGME49_003170 TGME49_034440	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative	NA NA NA NA NA NA NA NA NA
TGME49_024610 TGME49_010960 TGME49_002530 TGME49_111500 TGME49_050880 TGME49_003170 TGME49_034440 TGME49_027020	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative	NA
TGME49_024610 TGME49_010960 TGME49_002530 TGME49_111500 TGME49_050880 TGME49_003170 TGME49_034440 TGME49_027020 TGME49_037470	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative	NA N
TGME49_024610 TGME49_010960 TGME49_002530 TGME49_111500 TGME49_050880 TGME49_003170 TGME49_034440 TGME49_027020 TGME49_037470 TGME49_069250	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative	NA N
TGME49_024610 TGME49_010960 TGME49_002530 TGME49_111500 TGME49_050880 TGME49_003170 TGME49_034440 TGME49_027020 TGME49_037470 TGME49_069250 TGME49_090010	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative	NA N
TGME49 024610 TGME49 010960 TGME49 002530 TGME49 111500 TGME49 050880 TGME49 003170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein	NA N
TGME49_024610 TGME49_010960 TGME49_002530 TGME49_111500 TGME49_050880 TGME49_003170 TGME49_034440 TGME49_027020 TGME49_037470 TGME49_069250 TGME49_090010	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein	NA N
TGME49 024610 TGME49 010960 TGME49 002530 TGME49 111500 TGME49 050880 TGME49 003170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein	NA N
TGME49 024610 TGME49 010960 TGME49 002530 TGME49 111500 TGME49 050880 TGME49 003170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein	NA N
TGME49_024610 TGME49_010960 TGME49_010960 TGME49_011500 TGME49_050880 TGME49_03170 TGME49_034440 TGME49_027020 TGME49_037470 TGME49_069250 TGME49_090010 TGME49_077070 TGME49_059950 TGME49_118730	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative	NA N
TGME49_024610 TGME49_010960 TGME49_010960 TGME49_011500 TGME49_050880 TGME49_03170 TGME49_034440 TGME49_027020 TGME49_037470 TGME49_069250 TGME49_090010 TGME49_077070 TGME49_059950 TGME49_118730 TGME49_118730 TGME49_106080	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative	NA N
TGME49_024610 TGME49_010960 TGME49_010960 TGME49_011500 TGME49_050880 TGME49_03170 TGME49_034440 TGME49_027020 TGME49_037470 TGME49_069250 TGME49_090010 TGME49_077070 TGME49_059950 TGME49_118730 TGME49_118730 TGME49_1106080 TGME49_112230	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative	NA N
TGME49_024610 TGME49_010960 TGME49_010960 TGME49_011500 TGME49_050880 TGME49_03170 TGME49_034440 TGME49_027020 TGME49_037470 TGME49_069250 TGME49_090010 TGME49_077070 TGME49_059950 TGME49_118730 TGME49_118730 TGME49_1106080 TGME49_111620	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein	NA N
TGME49_024610 TGME49_010960 TGME49_010960 TGME49_011500 TGME49_050880 TGME49_03170 TGME49_034440 TGME49_037470 TGME49_069250 TGME49_069250 TGME49_077070 TGME49_059950 TGME49_118730 TGME49_118730 TGME49_1106080 TGME49_111620 TGME49_111620 TGME49_118410	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative	NA N
TGME49_024610 TGME49_010960 TGME49_010960 TGME49_011500 TGME49_050880 TGME49_03170 TGME49_034440 TGME49_037470 TGME49_037470 TGME49_069250 TGME49_090010 TGME49_077070 TGME49_059950 TGME49_118730 TGME49_118730 TGME49_1106080 TGME49_111620 TGME49_111620 TGME49_118410 TGME49_031940	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein	NA N
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 050880 TGME49 03170 TGME49 034440 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 11620 TGME49 111620 TGME49 111620 TGME49 031940 TGME49 031940 TGME49 087500	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative	NA N
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 011500 TGME49 111500 TGME49 03170 TGME49 034440 TGME49 037470 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 1106080 TGME49 111620 TGME49 111620 TGME49 031940 TGME49 087500 TGME49 087500 TGME49 018870	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein	NA N
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 050880 TGME49 03170 TGME49 034440 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 11620 TGME49 111620 TGME49 111620 TGME49 031940 TGME49 031940 TGME49 087500	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative	NA N
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 011500 TGME49 111500 TGME49 03170 TGME49 034440 TGME49 037470 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 1106080 TGME49 111620 TGME49 111620 TGME49 031940 TGME49 087500 TGME49 087500 TGME49 018870	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative	NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 050880 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 1106080 TGME49 1106080 TGME49 111620 TGME49 111620 TGME49 031940 TGME49 031940 TGME49 031940 TGME49 087500 TGME49 018870 TGME49 029990	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-	NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 111500 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 1106080 TGME49 110230 TGME49 111620 TGME49 118410 TGME49 031940 TGME49 031940 TGME49 018870 TGME49 018870 TGME49 029990 TGME49 118600	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-containing protein	NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 050880 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 1106080 TGME49 111620 TGME49 111620 TGME49 0118870 TGME49 018870 TGME49 018870 TGME49 118600 TGME49 118600 TGME49 118600 TGME49 014290	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-containing protein intracellular protease, putative	NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 1106080 TGME49 111620 TGME49 111620 TGME49 031940 TGME49 031940 TGME49 031940 TGME49 018870 TGME49 018870 TGME49 018870 TGME49 014290 TGME49 014290 TGME49 014290 TGME49 039530	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-containing protein intracellular protease, putative alanine—glyoxylate aminotransferase, putative	NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 1106080 TGME49 111620 TGME49 111620 TGME49 031940 TGME49 031940 TGME49 031940 TGME49 031940 TGME49 0118870 TGME49 0118870 TGME49 0118870 TGME49 0118870 TGME49 011890 TGME49 011890 TGME49 011890 TGME49 011890 TGME49 011890 TGME49 011890	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-containing protein intracellular protease, putative alanine-glyoxylate aminotransferase, putative para-aminobenzoate synthase, putative	NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 050880 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 053950 TGME49 118730 TGME49 1106080 TGME49 112230 TGME49 11620 TGME49 118410 TGME49 031940	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-containing protein intracellular protease, putative alanine—glyoxylate aminotransferase, putative hydrolase, TatD family domain-containing protein	NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 111500 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 1106080 TGME49 1106080 TGME49 1106080 TGME49 1106080 TGME49 118410 TGME49 031940	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-containing protein intracellular protease, putative alanine—glyoxylate aminotransferase, putative hydrolase, TatD family domain-containing protein adenosine/AMP deaminase domain containing protein	NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 050880 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 053950 TGME49 118730 TGME49 1106080 TGME49 112230 TGME49 11620 TGME49 118410 TGME49 031940	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-containing protein intracellular protease, putative alanine—glyoxylate aminotransferase, putative hydrolase, TatD family domain-containing protein	NA NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 111500 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 059950 TGME49 118730 TGME49 1106080 TGME49 1106080 TGME49 1106080 TGME49 1106080 TGME49 118410 TGME49 031940	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-containing protein intracellular protease, putative alanine—glyoxylate aminotransferase, putative hydrolase, TatD family domain-containing protein adenosine/AMP deaminase domain containing protein	NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 050880 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 053950 TGME49 118730 TGME49 112230 TGME49 112230 TGME49 112230 TGME49 118410 TGME49 031940 TGME49 031940 TGME49 031940 TGME49 018870 TGME49 018870 TGME49 018870 TGME49 014290 TGME49 014290 TGME49 014290 TGME49 039530 TGME49 005720 TGME49 005720 TGME49 005730	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-containing protein intracellular protease, putative alanine-glyoxylate aminotransferase, putative hydrolase, TatD family domain-containing protein adenosine/AMP deaminase domain containing protein TPR domain-containing protein queuine tRNA-ribosyltransferase, putative	NA NA
TGME49 024610 TGME49 010960 TGME49 010960 TGME49 010960 TGME49 111500 TGME49 050880 TGME49 03170 TGME49 034440 TGME49 027020 TGME49 037470 TGME49 069250 TGME49 090010 TGME49 077070 TGME49 053950 TGME49 118730 TGME49 112230 TGME49 112230 TGME49 112230 TGME49 118410 TGME49 031940 TGME49 031940 TGME49 031940 TGME49 018870 TGME49 018870 TGME49 018870 TGME49 014290 TGME49 014290 TGME49 014290 TGME49 039530 TGME49 005720 TGME49 005720 TGME49 005730	IQ calmodulin-binding motif domain-containing protein replication factor C subunit, putative aspartyl-tRNA synthetase, putative ubiquitin-activating enzyme, putative adenosine kinase protein aminotransferase, putative NAD-dependent deacetylase, putative aminomethyltransferase, mitochondrial, putative 26S proteasome regulatory subunit, putative proteasome subunit beta type 1, putative SNF2 family N-terminal domain-containing protein carbonic anhydrase domain containing protein UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase T3, putative DEAD/DEAH box helicase, putative DNA topoisomerase II, putative WD repeat domain-containing protein TCP-1/cpn60 family chaperonin, putative thiF family domain-containing protein TCP-1/cpn60 family chaperonin, putative TBC domain-containing protein TCP-1/cpn60 family chaperonin, putative DNA/pantothenate metabolism flavoprotein domain-containing protein intracellular protease, putative alanine-glyoxylate aminotransferase, putative hydrolase, TatD family domain-containing protein adenosine/AMP deaminase domain containing protein TPR domain-containing protein	NA NA

369 hits from expression profile based search

I—————————————————————————————————————	Image to the second sec	I
TGME49_043710	TCP-1/cpn60 family chaperonin, putative	NA
TGME49_071250	KH domain-containing protein	NA
TGME49_026000	ATP synthase, putative	NA
TGME49_090640	DNA mismatch repair protein, putative	NA
TGME49_000430	deoxycytidylate deaminase, putative	NA
TGME49_061790	hypothetical protein	NA
TGME49_028300	hypothetical protein	NA
TGME49_053020	hypothetical protein	NA
TGME49 081510	ribonuclease HI large subunit, putative	NA
TGME49 056990	glycyl-tRNA synthetase, putative	NA
TGME49 071810	inhibitor-1 of protein phosphatase type 2A	NA
TGME49 048880	Ras family domain-containing protein	NA
TGME49 024910	CutA1 divalent ion tolerance domain-containing protein	NA
TGME49 039500	proteasome subunit alpha type 4, subunit	NA
TGME49 014580	protein antigen, putative	NA
TGME49 013000	activator 1 36 kDa, putative	NA
TGME49 070900	ATPase, AAA family domain-containing protein	NA
TGME49 058130	Ras family domain-containing protein	NA
TGME49 057030	hypothetical protein	NA
TGME49 063990	hypothetical protein	NA
TGME49_075800	microneme protein, putative	NA NA
TGME49_073000	putative	NA NA
TGME49 008390	capping protein alpha-like subunit, putative	NA NA
TGME49_003300	proteasome subunit alpha type 2, putative	NA NA
TGME49_037210	methionine aminopeptidase, putative	NA NA
TGME49_046830	tRNA-Leu	NA NA
TGME49_050810	hypothetical protein	NA NA
TGME49_001730	endoplasmic reticulum retention receptor, putative	NA NA
1GME49_070910	ubiquitin-like domain-containing CTD phosphatase 1,	IVA
TCME 40 022010	putative putative	NI A
TGME49_022010		NA NA
TGME49_009120	hypothetical protein	NA NA
TGME49_035150	transporter, putative	
TGME49_017750	hypothetical protein	NA NA
TGME49_113080	hypothetical protein	NA NA
TGME49_068300	hypothetical protein	NA .
TGME49_070840	NAD(+) ADP-ribosyltransferase, putative	NA
TGME49_100230	hypothetical protein	NA
TGME49_060150	hypothetical protein	NA
TGME49_115880	hypothetical protein	NA
TGME49_033870	hypothetical protein	NA
TGME49_026720	translin, putative	NA
TGME49_067550	hypothetical protein, conserved	NA
TGME49_067560	protein phosphatases PP1 regulatory subunit, putative	NA
TGME49_080490	ubiquitin conjugation factor, putative	NA
TGME49_088020	hypothetical protein	NA
TGME49_026830	DnaK family protein	NA
TGME49_022160	aldehyde dehydrogenase, putative	NA
	glycosyltransferase family 28 C-terminal domain-	
TGME49_068340	containing protein	NA
TGME49_079360	hypothetical protein	NA
TGME49_062660	hypothetical protein	NA
TGME49_051690	seryl-tRNA synthetase, putative	NA
TGME49 009700	hypothetical protein	NA
TGME49_012730	hypothetical protein	NA
TGME49 085710	hypothetical protein	NA
TGME49 121550	hypothetical protein	NA
TGME49 023530	hypothetical protein, conserved	NA
	1 V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	